

# Converting Colors

Hex(29353A)

Have a look what the booklet for  
Hex(29353A) contains.

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# Color

Hex(29353A)

# Conversions

## Conversions Part 1

Format	Color
Hex	29353A
RGB	41, 53, 58
RGB Percent	16%, 21%, 23%
CMY	0.8392, 0.7922, 0.7725
CMYK	0.29, 0.09, 0.00, 0.77
HSL	198°, 17%, 19%
HSV	198°, 29%, 23%
XYZ	2.9513, 3.3231, 4.4889
YIQ	49.9820, -8.7570, -0.9890

# Conversions

## Conversions Part 2

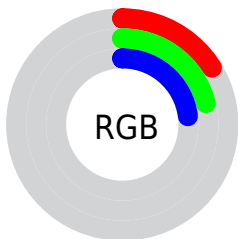
Format	Color
<b>RYB</b>	41, 48, 58
Decimal	2700602
CIELab	21.29, -3.60, -4.79
CIELCh	21, 5.990, 233.112
Yxy	3.3231, 0.2742, 0.3087
Android (android.graphics.Color)	4280890682 (0xFF29353A)
YUV	49.9820, 3.9529, -7.8772
Hunter-Lab	18.2294, -3.0029, -1.8392

# Details

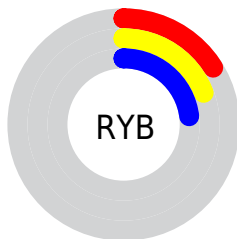
The Hex color **29353A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A2E29**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **576469**, and **00080F** is the 20% darker color. If you saturate the color by 10%, you get **23333A**, and if you desaturate by 10%, it is **2F373A**.

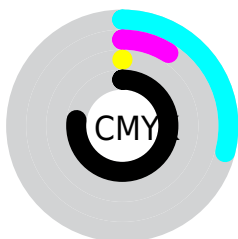
# Distribution



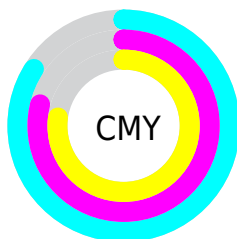
- Red (16%)
- Green (21%)
- Blue (23%)



- Red (16%)
- Yellow (19%)
- Blue (23%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (77%)



- Cyan (84%)
- Magenta (79%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29353A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 29353A by changing the saturation by 10% instead.



■ 29353A

■ 29353A

FFFFFF

■ 142024

■ 576469

■ 00080F

■ 6F7C82

■ 000000

■ 89969C

■ A3B1B7

■ BECCD3

■ DAE9EF

■ F6FFFF

■ 29353A

■ 29353A

■ 23333A

■ 2F373A

■ 1D323A

■ 35383A

■ 18303A

■ 3A3A3A

■ 122E3A

■ 403C3A

■ 0C2C3A

■ 463E3A

■ 062B3A

■ 4C3F3A

■ 00293A

■ 52413A

■ 57433A

■ 5D443A

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



283636



29353A



2D343C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29353A



3B3034



33342B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29353A



3A2E29

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38322A



29353A



3D3030

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29353A



383138



3B312C



2E352E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29353A



31333C



3B312C



35332B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29353A



464A4D



293A2E



222526



A6A6A6



262626



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29353A



32454D



292D3A



191B1C



00415C



009BDB



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3A2935



4D3245



3A3629



1C191B



5C0041

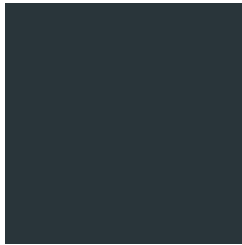


DB009B



# Previews

## White Background



This preview shows how the Hex color 29353A looks on a white background.

## Color Contrast Check

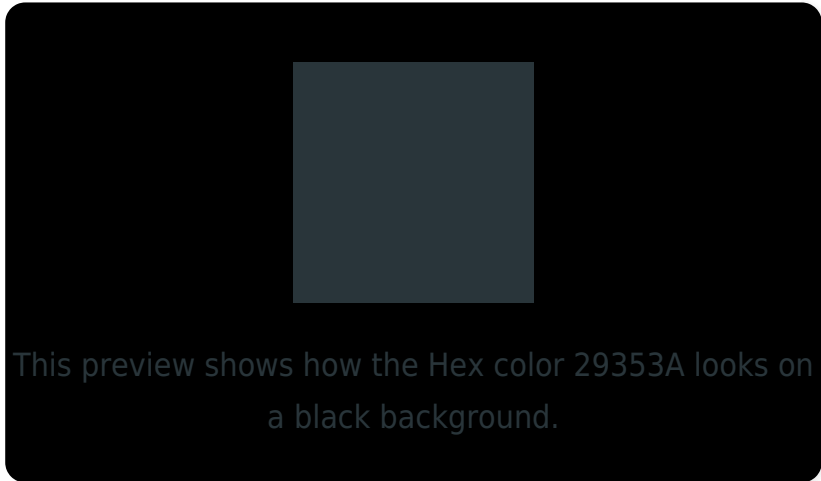
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

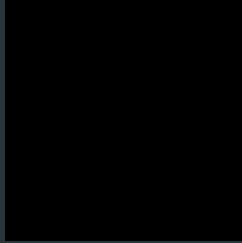
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29353A Background



This preview shows how black text looks on a background with the Hex color 29353A.

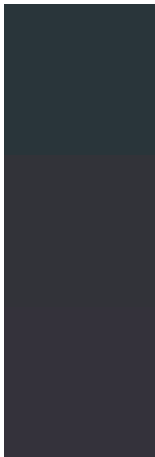


This preview shows how white text looks on a background with the Hex color 29353A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
29353A

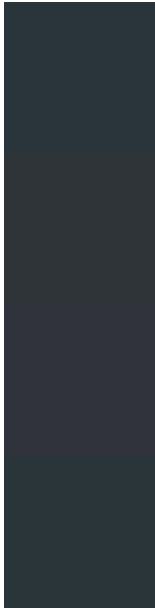
**Protanopia**  
323339

**Deuteranopia**  
34323B



**Tritanopia**  
293539

# Trichromacy



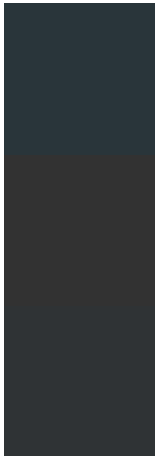
**Original Color**  
29353A

**Protanomaly**  
2F3439

**Deuteranomaly**  
30333B

**Tritanomaly**  
293539

# Monochromacy



**Original Color**  
29353A

**Achromatopsia**  
323232

**Achromatomaly**  
2F3335

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29353A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #29353A looks like.

```
.text, #text, p{  
    color:#29353A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #29353A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29353A
}
```

## Border

The CSS property to change the border of an element to Hex 29353A is called "border". The border property can be set on classes, ids or directly on the HTML element.

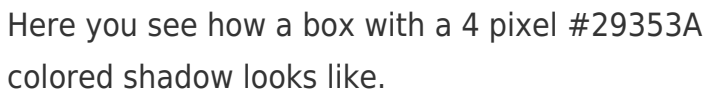
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29353A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#29353A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #29353A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29353A; -webkit-box-shadow:4px 4px  
4px 4px #29353A; box-shadow:4px 4px 4px  
4px #29353A }
```

# Background

The CSS property to change the background color of an element to Hex 29353A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29353A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#29353A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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